

Product datasheet for **SC202752**

Epoxide hydrolase (EPHX1) (NM_001136018) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Epoxide hydrolase (EPHX1) (NM_001136018) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EPHX1
Synonyms:	EPHX; EPOX; HYL1; MEH
ACCN:	NM_001136018
Insert Size:	246 bp
Insert Sequence:	>SC202752 3'UTR clone of NM_001136018 The sequence shown below is from the reference sequence of NM_001136018. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGTTCCTGTGGTGCTGGAGCGGCAATGACCCACCCCTCTCCCCCGCCTGCCACCTCCCCCACAAG TGCCCTCCAGGCTTTTCTGGGGAAGATACCCCTTTTCTGAGGAATGAGTTTGCCCTCCGTCGCC ATGCTGGGAGCCACGCTCACCCCTCACCCCTCCAAGCTCACTCCCAACCCCAACTCCGTGTGGTA AGCAACATGGCTTTGATGATAAACGACTTTACTCTAAAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001136018.4</u>



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Summary: Epoxide hydrolase is a critical biotransformation enzyme that converts epoxides from the degradation of aromatic compounds to trans-dihydrodiols which can be conjugated and excreted from the body. Epoxide hydrolase functions in both the activation and detoxification of epoxides. Mutations in this gene cause preeclampsia, epoxide hydrolase deficiency or increased epoxide hydrolase activity. Alternatively spliced transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Dec 2008]

Locus ID: 2052

MW: 9.1